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C525 0179

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MAR 01 2004

**OFFICIAL**

DATE: 1 March 2004

To: Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313 - 1450

Re: Response to Advisory Action mailed 29 January 2004.

Title: **OPTICAL CROSS-CONNECT SWITCH HAVING IMPROVED ALIGNMENT  
CONTROL SYSTEM**

Serial No.: 09/842225

Filed: 26 April 2001

Examiner: KIANNI, Kaveh C.

Art Unit: 2877

Fax: 703 872-9306

From: Gavin N. Manning

NO. OF PAGES INCLUDING THIS TRANSMITTAL SHEET: 23

ENCLOSURES:	AMENDMENT TRANSMITTAL FORM	- 1	PAGE
	FEE TRANSMITTAL FOR FY 2004	- 1	PAGE
	AMENDMENT	- 18	PAGES
	PETITION FOR EXTENSION OF TIME	- 1	PAGE (X2)

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PTO/SB/21 (02-04)

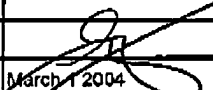
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/842225	
	Filing Date	26 April 2001	
	First Named Inventor	LABERGE, Michel et al.	
	Art Unit	2877	
	Examiner Name	KIANNI, Kavah C.	
Total Number of Pages in This Submission	23	Attorney Docket Number	CS25 0179

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gavin N. Manning OYEN WIGGS GREEN & MUTALA
Signature	
Date	March 1 2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Brad Sherbuck		
Signature		Date	March 1 2004

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PTO/SB/17 (10-03)

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**950.00****Complete if Known**

Application Number	09/842225
Filing Date	26 April 2001
First Named Inventor	LABERGE, Michel et al.
Examiner Name	KIANNI, Kaveh C.
Art Unit	2877
Attorney Docket No.	C525 0179

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number	02-1037
Deposit Account Name	Oyen Wiggs Green & Mutala

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

**SUBTOTAL (1)** (\$)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$)

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	950.00
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 840	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**950.00****SUBMITTED BY**Name (Print/Type) **Gavin N. Manning**

Registration No.

36,412

(Complete if applicable)

Telephone **604-669-3432**

Signature

Date

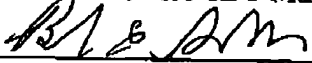
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Brad Sherbuck - Secretary to Gavin N. Manning

Application No. 09/842,225  
Amendment dated 1 March 2004  
Reply to Advisory Action dated 29 January 2004

C525 0179  
GNM/TAR/bds

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Patent Examining Operations

Patent Application

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MAR 01 2004

**OFFICIAL**

Inventor(s): LABERGE, Michel et al.  
Title: **OPTICAL CROSS-CONNECT SWITCH HAVING IMPROVED  
ALIGNMENT CONTROL SYSTEM**  
Serial No.: 09/842,225  
Filed: 26 April 2001  
Examiner: Kaveh C. Kianni  
Date: 1 March 2004

Art Unit: 2877

To: Director of the United States Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**AMENDMENT**

Responsive to the Office Action mailed 7 October 2003 and the Advisory Action mailed 29 January 2004, please amend this application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 17 of this paper.

- 1 -